

刘婷



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EDUCATION

Expected in 05/28/2025
Ph.D. -Cardiovascular Research
Karolinska Institutet, Sweden

- **Fully-funded PhD study** by China Scholarship Council - Karolinska programme
- Received **research grant 10,000 SEK** awarded by KI, 2024 for attending SSAR (Scandinavian Atherosclerosis) conference, Denmark, March, 2024.
- Received **travel grant 20,000 SEK from Nanna Svartz** for attending EAS (European Atherosclerosis Society) conference, Lyon, France, May 2024; Selected to give an **oral presentation**.

09/2016-06/2019
Master of Science-Immunology|
GPA: 3.66/4.0
Sun Yat-sen University (SYSU),
Guangzhou, China

09/2012-06/2016
Bachelor of Science-Pharmacy |
GPA: 3.5/5.0
Gannan Medical University (GMU),
Jiangxi, China

SUMMARY

- Final year PhD candidate with strong technical proficiency in wet lab and animal experiments.
- A fast learner and good troubleshooter.
- Communicative, organized, motivated and team-oriented.
- Now seeking for the opportunities to continue my journey in academia as a postdoctoral researcher.

SKILLS

- **Basic biological and biochemical techniques**, flow cytometry, qPCR, ELISA, protein/DNA/RNA purification, and immunohistochemistry staining;
- **Bioinformatics analysis**, beginner with basic knowledge on RNA-Seq upstream and downstream analysis and gene set enrichment analysis. Programming language: R.
- **Biological statistics**, in GraphPad Prism.
- **Good practice** training certificates (Sweden), Swedish legislation and ethics, animal welfare and 3R.
- **Animal (mouse) experiments**, good at almost all the basic mouse experiments including i.p injection, perfusion, liver and adipose tissue and femurs bone marrow isolation, blood sampling and experimental vagotomy model establishment.
- **Grant writing** awarded one travel grant from Karolinska Institutet and one research grant from Nanna Svartz.

PUBLICATIONS

- **Liu T.1, Caravaca A.S.1, Cai M.2, Mendes P.1, Dai W.1, Vacquie J.J.1, Guo Q.1, Zhang Y.1, Schipper R.2, Simón R.R.1, Pei S.3, Karlsson M.3, Shavva V.S.1, Hagberg C.E.2, Tarnawski L.1*, Olofsson P.S.1,4* A lymphocyte antigen 6G-dependent mechanism regulates hormone-sensitive lipase phosphorylation in white adipose tissue (Manuscript, predicted to submit in May/June 2025)**
- **Shavva VS; Tarnawski L; Liu T; Ahmed O; Olofsson PS. Cholinergic signaling in adipose tissue. CURRENT OPINION IN ENDOCRINE AND METABOLIC RESEARCH. 2024;37:100546**
- **Ahmed O; Shavva VS; Tarnawski L; Dai W; Borg F; Olofsson VV; Liu T; Saliba-Gustafsson P; Simini C; Pedrelli M; Bergman O; Norata GD; Parini P; Franco-Cereceda A; Eriksson P; Malin SG; Bjorck HM; Olofsson PS. Statin-associated regulation of hepatic PNPLA3 in patients without known liver disease. JOURNAL OF INTERNAL MEDICINE. 2024;297(1):47-59**
- **Ahmed O; Caravaca AS; Crespo M; Dai W; Liu T; Guo Q; Leiva M; Sabio G; Shavva VS; Malin SG; Olofsson PS. Hepatic stellate cell activation markers are regulated by the vagus nerve in systemic inflammation. BIOELECTRONIC MEDICINE.**

REFERENCES

Professor Peder Olofsson

Department of Medicine, Solna,
Karolinska Institutet, Sweden
Peder.Olofsson@ki.se
Principle supervisor of my PhD study

Assistant Professor Vladimir Shavva

Department of Medicine, Solna,
Karolinska Institutet, Sweden
Vladimir.Shavva@ki.se
Co-supervisor of my PhD study

Associate Professor Carolina Hagberg

Department of Medicine, Solna,
Karolinska Institutet, Sweden
Carolina.Hagberg@ki.se
Co-supervisor of my PhD study

Dr. Xing Li

Former colleague

Dr. Huan Cai

Former colleague

Dr. Juan He

Former colleague

PUBLICATIONS

- **Ting Liu, Qiong Yang, Ying-Jiao Cao, Wei-Ming Yuan, Ai-Hua Lei, Pan Zhou, Wei Zhou, Yong-Dong Liu, Mao-Hua Shi, Quan Yang, Jin-Yi Tang, Hai-Kun Wang, Hui Zhang, Ying Yu and Jie Zhou. COX-1 promotes follicular helper T cell development via prostaglandin E2. Journal of Immunology. doi.org/10.4049/jimmunol.1801674**
- **Yan-Fang Xing, Yan-Hong Zhou, Ting Liu et, al. The specificity and definition of blood eosinophil. Journal of Allergy and Clinical Immunology. doi:10.1016/j.jaci.2018.07.042**
- **Wen-Hui Jiang, Yi-Dan Qiao, Ting Liu, Jie Chen, Gen Lu. The role of soil exposure in asthma prevention during neonatal period. Journal of Allergy and Clinical Immunology doi:10.1016/j.jaci.2019.07.002**
- **Juan He, Qiong Yang, Qiang Xiao, Aihua Lei, Xing Li, Pan Zhou, Ting Liu, Lijuan Zhang, Kun Shi, Quan Yang, Junchao Dong, Jie Zhou. IRF7 is a critical regulator of type 2 innate lymphoid cells in allergic airway inflammation. Cell report**

Team leader for the program and grant application for the planting society (during Bachelor study): Development of New Generation Fruit: Cherokee Rose and Raspberry

(National Training Program of Innovation and Entrepreneurship for Undergraduates)

✓ *Summarized the research advances on the efficacy and nutritional value of Cherokee Rose and Raspberry*

✓ *Idea design for improving the cultivation method of Cherokee Rose and Raspberry through genetic technology*

